| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1 | ("5209074").PN. | USPAT; USOCR | OR | OFF | 2005/03/18 15:47 |
| S1 | 4 | mod$6 and carrier with (combin$2 or add$2) and (scal$3 near block or multiplier) and gaussian near low near pass near filter | USPAT | OR | OFF | 2005/03/15 13:35 |
| S2 | 0 | modulation same (carrier with (combin$2 or add$2)) same (scal$3 near block or multiplier) same (gaussian near low near pass near filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 13:40 |
| S3 | 110 | (carrier with (combin$2 or add$2)) same (scal$3 near block or multiplier) same (low near pass near filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 13:41 |
| S4 | 28 | (carrier with (combin$2 or add$2)) same (scal$3 near block or multiplier) same (low near pass near filter) same modulation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 13:41 |
| S7 | 37 | (carrier with (combin$2 or add$2)) same (scal$3 near block or multiplier) same (low near pass near filter) same modulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:01 |
| S8 | 13003 | frequency near synthesizer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:01 |
| S9 | 14016 | frequency near synthesiz$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:01 |
| S10 | 2 | frequency near synthesiz$2 and (first near3 modulat$3 with data near signal with vco) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:02 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S11 | 2 | frequency near synthesiz$2 and (first near3 modulat$3 with data near signal with vco) and (second near3 modulat$3 frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:12 |
| S12 | 5 | (first near3 modulat$3 with data near signal with vco) and (second near3 modulat$3 frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:16 |
| S13 | 1 | (first near3 modulat$3 with data near signal with vco) and (second near3 modulat$3 with frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:13 |
| S14 | 1 | frequency near synthesizer and (first near3 modulat$3 with data near signal with vco) and (second near3 modulat$3 with frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:15 |
| S15 | 2 | frequency near synthesizer and (modulat$3 with data near signal with vco) and (modulat$3 with frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:14 |
| S16 | 1 | (modulat$3 near2 path with data near signal with vco) and (modulat$3 near2 path with frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:17 |
| S17 | 18 | (modulat$3 with data near signal same vco) and (modulat$3 with frequency near divider) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:18 |
| S25 | 28 | modulat$3 and (adder with carrier) and (multiplier with scal$3) and low near pass near filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:22 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S26 | 4 | modulat$3 same (adder with carrier) same (multiplier with (scal$3 or factor)) same low near pass near filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:32 |
| S27 | 1 | low near pass near filter with data near signal same (multiplier) with (adder with carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:28 |
| S28 | 43 | modulat$3 same (adder with carrier) same frequency near divider | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:33 |
| S29 | 1 | modulat$3 same (adder with carrier) same frequency near divider and adder with multiplier with low near pass near filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:33 |
| S30 | 9 | modulat$3 same (adder with carrier) same frequency near divider and adder with multiplier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:37 |
| S32 | 4 | PLL with data near modulat$3 with vco and frequency near divider with data near modulat$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 10:49 |
| S33 | 5 | PLL and data near modulat$3 with vco and frequency near divider with data near modulat$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 14:38 |
| S34 | 6 | (("4686488") or ("5224132") or ("5337024") or ("5652773") or ("6011815") or ("6094569")).PN. | USPAT; USOCR | OR | OFF | 2005/03/16 11:18 |
| S35 | 1 | ("5889443").PN. | USPAT; USOCR | OR | OFF | 2005/03/16 11:18 |
| S45 | 1 | ("6008703").PN. | USPAT; USOCR | OR | OFF | 2005/03/16 11:30 |
| S48 | 1 | S45 and divider same factor | USPAT | OR | OFF | 2005/03/16 11:32 |
| S49 | 1 | S45 and "58" | USPAT | OR | OFF | 2005/03/16 11:32 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S50 | 1 | ("6008703").PN. | USPAT; USOCR | OR | OFF | 2005/03/16 13:32 |
| S51 | 1 | S50 and scal$3 | USPAT | OR | OFF | 2005/03/16 13:40 |
| S54 | 1 | S50 and compensation near2 filter$2 | USPAT | OR | OFF | 2005/03/16 13:53 |
| S56 | 1 | S50 and (scal$3 or adjust$3) with gain | USPAT | OR | OFF | 2005/03/16 14:12 |
| S57 | 26 | (scal$3 or adjust$3 or multipl$3) with factor with select$3 near5 reference near signal | USPAT | OR | OFF | 2005/03/16 14:13 |
| S58 | 511 | (scal$3 or adjust$3 or multipl$3) with factor with select$3 near5 signal | USPAT | OR | OFF | 2005/03/16 14:13 |
| S59 | 38 | (scal$3 or adjust$3 or multipl$3) with factor with select$3 near5 signal and PLL | USPAT | OR | OFF | 2005/03/16 14:13 |
| S60 | 11 | (scal$3 or adjust$3 or multipl$3) with factor with select$3 near5 signal and PLL and synthesizer | USPAT | OR | OFF | 2005/03/16 14:21 |
| S61 | 1 | (scal$3 or adjust$3 or multipl$3) with factor with adder with carrier and PLL and synthesizer | USPAT | OR | OFF | 2005/03/16 14:33 |
| S62 | 1 | (scal$3 or adjust$3 or multipl$3) with factor with adder with carrier and PLL and synthesizer | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 14:22 |
| S64 | 6 | frequency near synthesizer with (two or plural$3 or several or many or multiple$1) near4 reference near signal and PLL and (scal$3 or multipl$3 or adjust$3) with factor | USPAT | OR | OFF | 2005/03/16 14:39 |
| S69 | 9 | frequency near synthesizer with (two or plural$3 or several or many or multiple$1) near4 input near signal and PLL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 14:46 |
| S70 | 1 | gaussian near3 filter with baseband near signal and data near signal and PLL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 14:47 |
| S71 | 1 | gaussian near3 filter with baseband near signal with data near signal and PLL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 14:48 |

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| Ref | Hits | Query | Databases | Op | Plurals | Time |
|---|---|---|---|---|---|---|
| S72 | 1 | gaussian near3 filter with (two or plural$3 or several or many or multiples) near3 signal and PLL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 14:49 |
| S76 | 1 | ("20030043950").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 15:27 |
| S77 | 1 | S76 and two with reference near signal$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 15:28 |
| S78 | 1 | S76 and reference near signals | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 15:29 |
| S79 | 1 | S76 and reference near signal$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 15:30 |
| S80 | 1 | S76 and select$2 with reference near signal$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:35 |
| S82 | 300 | PLL and frequency near synthesizer and (plural$3 or many or several or multiple$1) with input near signal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:36 |
| S83 | 41 | PLL and frequency near synthesizer and (plural$3 or many or several or multiple$1) near input near signal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:36 |
| S84 | 112 | PLL and frequency near synthesizer and (plural$3 or many or several or multiple$1) near3 input near signal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 17:00 |
| S85 | 14 | PLL and frequency near synthesizer same (plural$3 or many or several or multiple$1) near3 input near signal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:40 |
| S86 | 181 | PLL and frequency near synthesizer and lookup near table | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:40 |
| S87 | 2 | PLL and frequency near synthesizer with lookup near table | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:42 |
| S88 | 14 | PLL and frequency near synthesizer same lookup near table | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/16 16:53 |

| Ref | Hits | Query | Databases | Op | Plurals | Time |
|---|---|---|---|---|---|---|
| S89 | 16 | (("4454483") or ("4644297") or ("5126699") or ("5355098") or ("5477194") or ("5485127") or ("4325031") or ("4689740") or ("4864643") or ("4935944") or ("5084907") or ("5172408") or ("5559502") or ("5689196") or ("5867068") or ("6163181")).PN. | USPAT; USOCR | OR | OFF | 2005/03/16 16:55 |
| S90 | 25 | PLL and frequency near synthesizer with (plural$3 or many or several or multiple$1) with input near signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 17:00 |
| S91 | 8 | PLL and frequency near synthesizer with (select$3) with (plural$3 or many or several or multiple$1) with input near signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 17:15 |
| S92 | 1 | ("6008704").PN. | USPAT; USOCR | OR | OFF | 2005/03/16 17:15 |
| S95 | 1 | ("5889443").PN. | USPAT; USOCR | OR | OFF | 2005/03/16 17:50 |
| S98 | 4 | (("20030142659") or ("20020181573") or ("20030152181") or ("20030128751")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 12:19 |
| S102 | 1 | sigma near2 delta near modulat$3 and noise near3 filter with adder with input near signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:25 |
| S103 | 4008 | sigma near2 delta near modulat$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:25 |
| S104 | 125 | sigma near2 delta near modulat$3 and noise near5 loop and adder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:26 |
| S105 | 32 | sigma near2 delta near modulat$3 and noise near5 loop and adder and most near significant near bit$1 and least near significant near bit$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:47 |

| Ref | Hits | Query | Databases | Op | Plurals | Time |
|---|---|---|---|---|---|---|
| S106 | 46 | sigma near2 delta near modulator with noise near4 loop | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:57 |
| S108 | 1 | sigma near2 delta near modulator with noise near4 loop same adder | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 12:47 |
| S109 | 9 | sigma near2 delta near modulator with noise near4 loop and most near significant near bit$1 and least near significant near bit$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:16 |
| S110 | 5 | pll and gaussian near4 filter with digital near3 analog near converter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:20 |
| S111 | 6 | pll and gaussian near4 filter same digital near3 analog near converter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:20 |
| S114 | 1 | pll and gaussian near4 filter same digital near3 analog near converter same voltage near2 control$2 near oscillator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:21 |
| S115 | 5 | pll and gaussian near4 filter with digital near3 analog near converter and voltage near2 control$2 near oscillator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:23 |
| S116 | 23 | pll and gaussian near4 filter and digital near3 analog near converter and voltage near2 control$2 near oscillator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:24 |

| Ref | Hits | Query | Databases | Op | Plurals | Time |
|---|---|---|---|---|---|---|
| S117 | 4 | pll and gaussian near4 filter and digital near3 analog near converter same voltage near2 control$2 near oscillator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/17 13:36 |
| S118 | 3 | (("5889443") or ("6008703") or ("6441690")).PN. | USPAT; USOCR | OR | OFF | 2005/03/17 13:36 |
| S123 | 3 | S118 and frequency | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 13:40 |
| S124 | 1 | S118 and (high and low) near frequency | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 13:45 |
| S125 | 1 | S118 and (high) near frequency | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 13:45 |
| S127 | 2 | S118 and (low) near frequency | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/17 13:45 |
| S128 | 1 | ("6008703").PN. | USPAT; USOCR | OR | OFF | 2005/03/18 14:42 |
| S129 | 1 | S128 and gain | USPAT | OR | OFF | 2005/03/18 15:41 |

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